

OEPA Permit No. 3IF00002*FD

Application No. OH0029149

Effective Date: March 10, 1987

Expiration Date: September 30, 1988

Diamond Shamrock Chemical
OHIO ENVIRONMENTAL PROTECTION AGENCY

AUTHORIZATION TO DISCHARGE UNDER THE
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM

In compliance with the provisions of the Federal Water Pollution Control Act, as amended (33 U.S.C. 1251 et. seq. hereinafter referred to as "the Act"), and the Ohio Water Pollution Control Act (Ohio Revised Code Section 6111),

Occidental Electrochemicals Corporation
Ashtabula Plant

is authorized by the Ohio Environmental Protection Agency, hereafter referred to as "Ohio EPA", to discharge from the wastewater treatment works located on

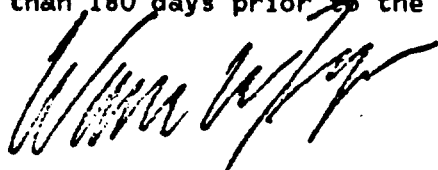
State Road and East Sixth Street, Ashtabula, Ohio, Ashtabula County

and discharging to Fields Brook via State Road Storm Sewer

in accordance with the conditions specified in Parts I, II and III of this permit.

This permit is conditioned upon payment of applicable fees as required by Section 3745.11 of the Ohio Revised Code.

This permit and the authorization to discharge shall expire at midnight on the expiration date shown above. In order to receive authorization to discharge beyond the above date of expiration, the permittee shall submit such information and forms as are required by the Ohio EPA no later than 180 days prior to the above date of expiration.



Warren W. Tyler
Director

3398P
Form EPA 4428

Diamond Shamrock

PART I, A. - FINAL EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS

- During the period beginning on the effective date of this permit and lasting until the expiration date, the permittee is authorized to discharge in accordance with the following limitations and monitoring requirements from the following outfall: 3IF00002001. SEE PART II, OTHER REQUIREMENTS, for location of effluent sampling.

<u>EFFLUENT CHARACTERISTIC</u>			<u>DISCHARGE LIMITATIONS</u>				<u>MONITORING REQUIREMENTS</u>	
REPORTING CODE/UNITS	PARAMETER		Concentration		Loading		Measurement Frequency	Sample Type
			Other Units (Specify)		kg/day			
			30 DAY	DAILY	30 DAY	DAILY		
50050	MGD	Flow Rate	-	-	-	-	Daily	24-Hr. Total
00530	MG/L	Residue, Total Nonfilterable	22	30	42	57	2/Week	24-Hr. Comp.
00515	MG/L	Residue, Total Filterable	1500	2500	-	-	2/Week	24-Hr. Comp.
00550	MG/L	Oil and Grease, Total	-	10	-	-	1/Week	Grab
32730	UG/L	Phenols (4AAP)	-	-	-	-	1/Week	24-Hr. Comp.
32102	UG/L	Carbon Tetrachloride	-	-	-	-	1/Month	See Part II, F2
32106	UG/L	Chloroform	-	-	-	-	1/Month	See Part II, F2
	UG/L	Trichloroethylene	-	-	-	-	1/Month	See Part II, F2
	UG/L	Tetrachloroethylene	-	-	-	-	1/Month	See Part II, F2

- The pH (Reporting Code 00400) shall not be less than 6.5 S.U. nor greater than 9.0 S.U. and shall be monitored twice per week by grab sample.
- Samples taken in compliance with monitoring requirements specified above shall be taken at Sampling Stations described in Part II, OTHER REQUIREMENTS.

PART I, A. - FINAL EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS(cont.)

4. During the period beginning on the effective date of this permit and lasting until the expiration date, the permittee is authorized to discharge in accordance with the following limitations and monitoring requirements from the following outfall(s): 3IF00002601. SEE PART II, OTHER REQUIREMENTS, for location of effluent sampling.

<u>EFFLUENT CHARACTERISTIC</u>			<u>DISCHARGE LIMITATIONS</u>				<u>MONITORING REQUIREMENTS</u>	
REPORTING CODE/UNITS	PARAMETER		Concentration		Loading		Measurement Frequency	Sample Type
			Other Units (Specify)		kg/day			
			30 DAY	7 DAY	30 DAY	7 DAY		
50050	MGD	Flow Rate	-	-	-	-	Daily*	24-Hr. Total**
00310	MG/L	Biochemical Oxygen Demand, 5 Day	30	45	-	-	Monthly	Grab
00530	MG/L	Residue, Total Nonfilterable	30	45	-	-	Monthly	Grab
00083	UNITS	Color Severity	-	-	-	-	Daily*	Observation
01330	UNITS	Odor Severity	-	-	-	-	Daily*	Observation
01350	UNITS	Turbidity Severity	-	-	-	-	Daily*	Observation

* Except days when the facility is not normally staffed. Report "AN" on the monthly report form for those days.

** Estimated flow is acceptable if there is no flow meter.

5. Samples taken in compliance with monitoring requirements specified above shall be taken at Sampling Stations described in Part II, OTHER REQUIREMENTS.

PART II, OTHER REQUIREMENTS

- A. Description of the location of the required sampling stations are as follows:

<u>Sampling Station</u>	<u>Description of Location</u>
3IF00002001	At a point representative of plant discharge to Fields Brook via State Road Storm Sewer
3IF00002601	Discharge from sanitary package plant prior to entry to rain sump

- B. If Severity Units are required for Turbidity, Odor, or Color, use the following table to determine the value between 0 and 4 that is reported:

REPORTED VALUE *	SEVERITY DESCRIPTION	TURBIDITY	ODOR	COLOR
0	None	Clear	None	Colorless
1	Mild			
2	Moderate	Light Solids	Musty	Grey
3	Serious			
4	Extreme	Heavy Solids	Septic	Black

* Interpolate between the descriptive phrases.

- C. This permit shall be modified, or alternatively, revoked and reissued, to comply with any applicable effluent standard or limitation issued or approved under sections 301(b)(2) (C), and (D), 304(b)(2), and 307(a)(2) of the Clean Water Act, if the effluent standard or limitation so issued or approved:

- (1) Contains different conditions or is otherwise more stringent than any effluent limitation in the permit; or
- (2) Controls any pollutant not limited in the permit.

The permit as modified or reissued under this paragraph shall also contain any other requirements of the Act then applicable.

- D. In the event the permittee's operation shall require the use of cooling water treatment additives, written permission must be obtained from the Ohio Environmental Protection Agency. The permittee shall demonstrate that the use of the additive in the concentrations expected will not be harmful or inimical to aquatic life as determined by acute static bioassays.